

1) Antenna 2) Tightening torque



Display/Operation

(BB) Ready	Green LED
Custom	LED yellow
Default	LED yellow
RF	LED yellow

Electrical connection

Connection (COM 1)	X1 (Ethernet): M12x1-Female, 4-pole, D-coded
Connection (supply voltage IN)	X2: M12x1-Male, 5-pole
Connection slots	X3 (IN/OUT): M12x1-Female, 8-pole

Electrical data

Antenna impedance	50 Ohm
Control input	1 (optocoupler isolated)
Control output	2 (optocoupler isolated)
Current consumption max. at 24 V DC	1 A
EN 61000-4-2/3/4/5/6	Severity level 2A/2A/3B/-/-
Input current max. at 24 V	28 mA
Multi-Tag capable	yes

Operating voltage U_b	19.2...28.8 VDC
Operating voltage, output V_s	6...30 V DC
Output current max.	500 mA (500 mA ext. supply) 100 mA (int. supply)
Output power adjustable	10 dBm...27 dBm (10 mW... 500 mW)
Residual ripple max.	10 %
Voltage control	6...30 VDC
Working frequency	902...928 MHz

Environmental conditions

Ambient temperature	-20...50 °C
Continuous shock load	yes
EN 60068-2-27, Shock	yes
EN 60068-2-32 Free fall	yes
EN 60068-2-6, Vibration	yes
Protection degree	IP65 with connector
Storage temperature	-20...70 °C

General data

Approval/Conformity	FCC Part 15 WEEE
EN 55022	Size 1, Cl. A

Standards EPCglobal™ Class 1, Gen 2
 ISO 18000-6C

Output/Interface

Interface Industrial Ethernet/Ethernet
 TCP/IP/MODBUS TCP

Material

Housing material Aluminum

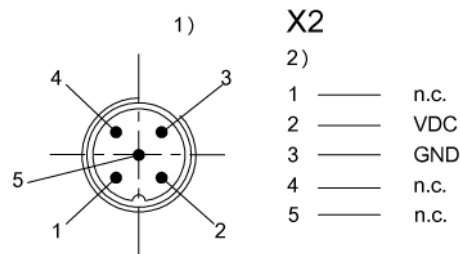
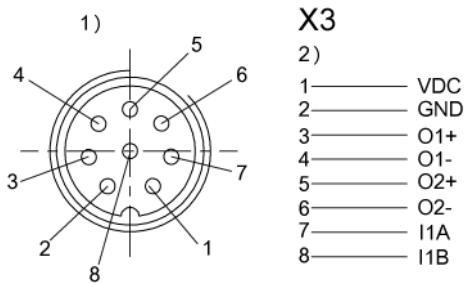
Remarks

Values are under rated conditions unless otherwise specified.
 When installing, the technical standards and regulations of the corresponding countries must be observed.
 For use only in USA and Canada.

Mechanical data

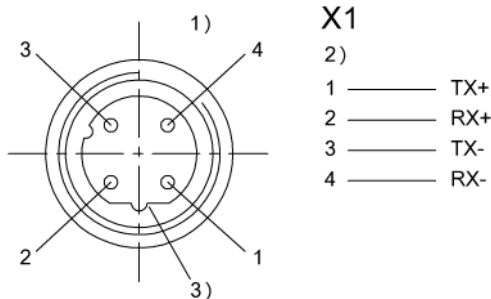
Application weight 560.00 g
 Dimension 112 x 48 x 164 mm

Connector view



1) View towards connector
 2) Socket 8-pin/ Function

1) View towards connector
 2) Connector 5-pin/ Function



1) View towards connector
 2) n Female 4-pin/ Function
 3) Coding D